

FIG.1

FIG.2

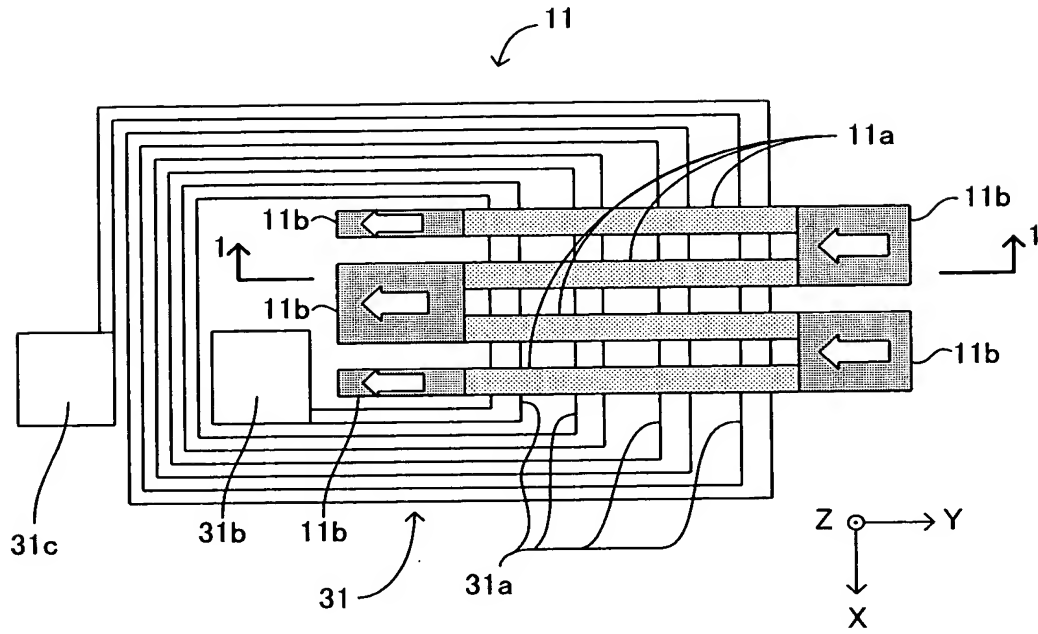


FIG.3

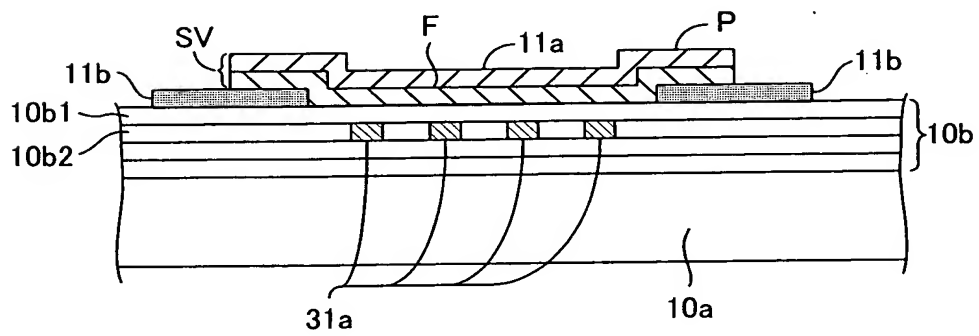


FIG.4

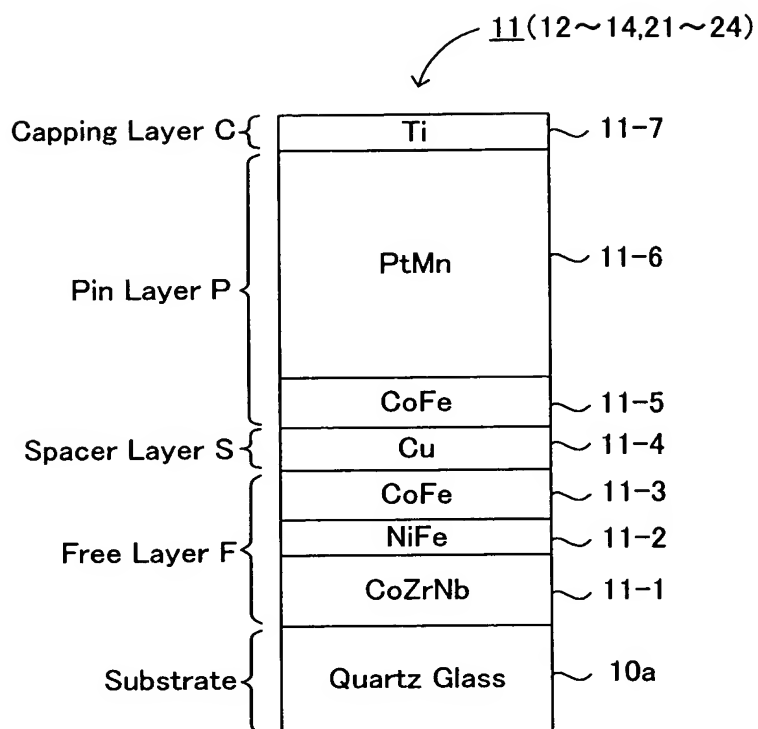


FIG.5

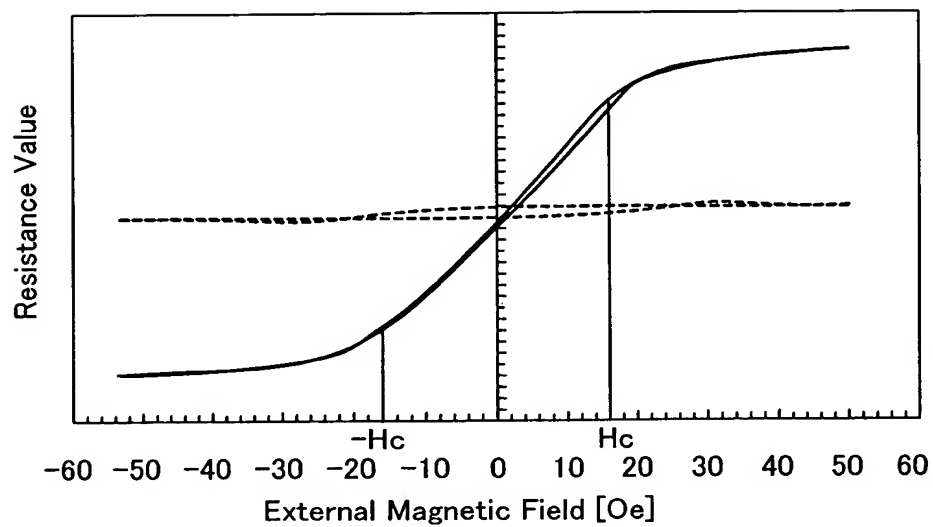


FIG.6

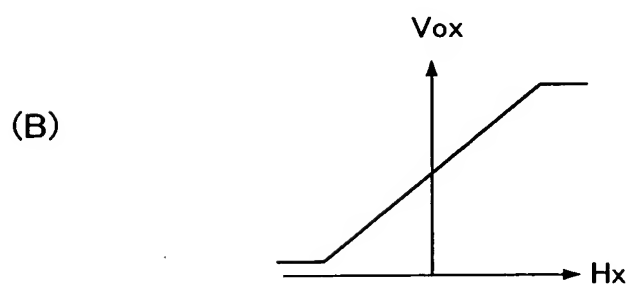
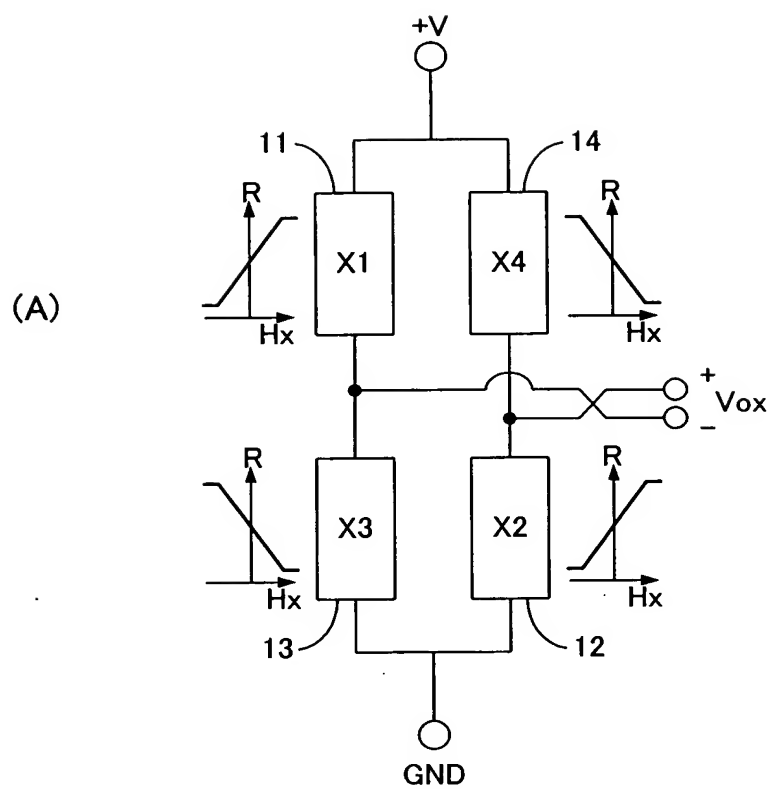


FIG.7

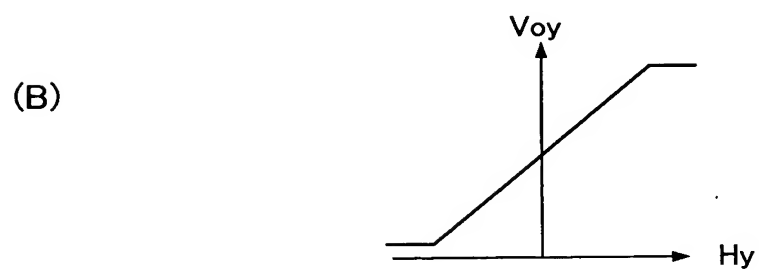
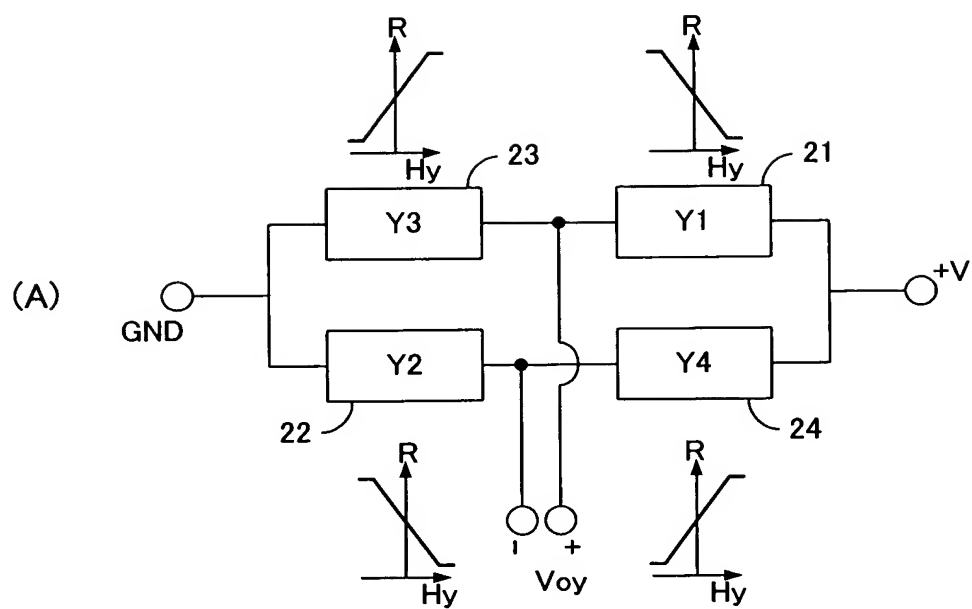
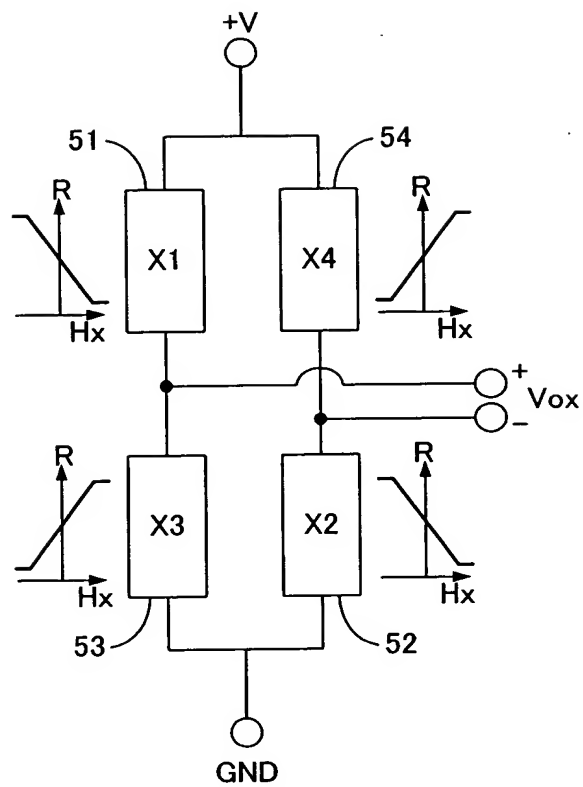


FIG.8

(A)



(B)

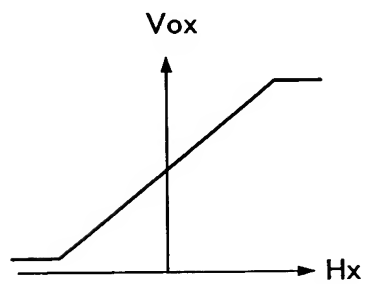


FIG.9

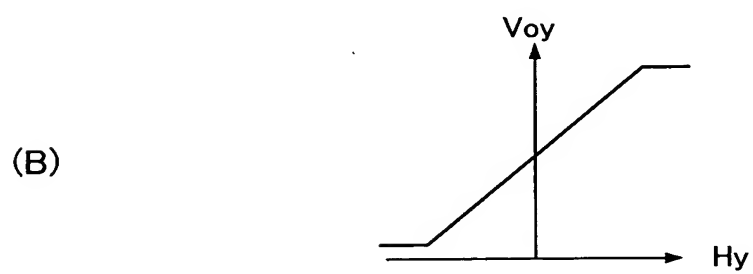
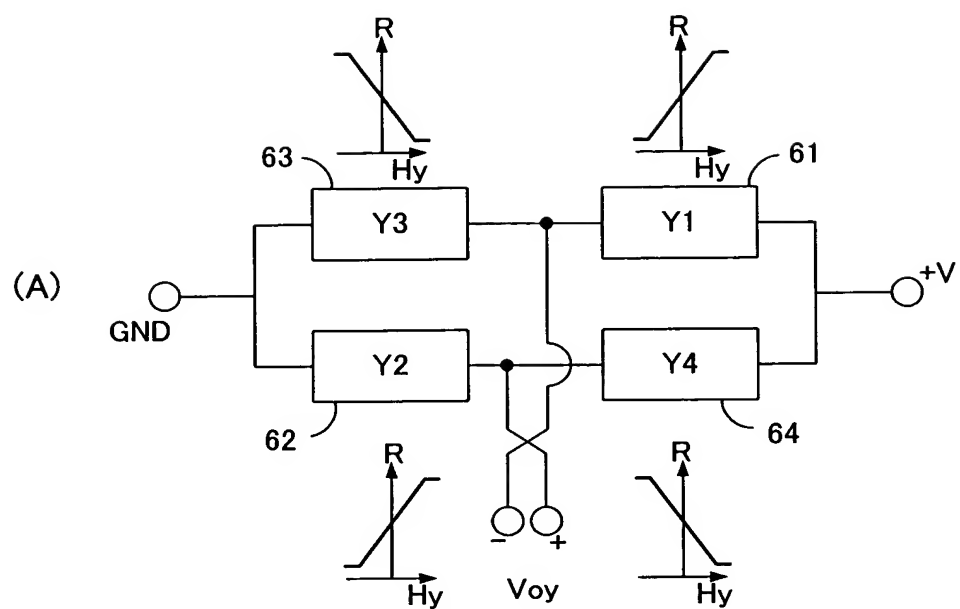
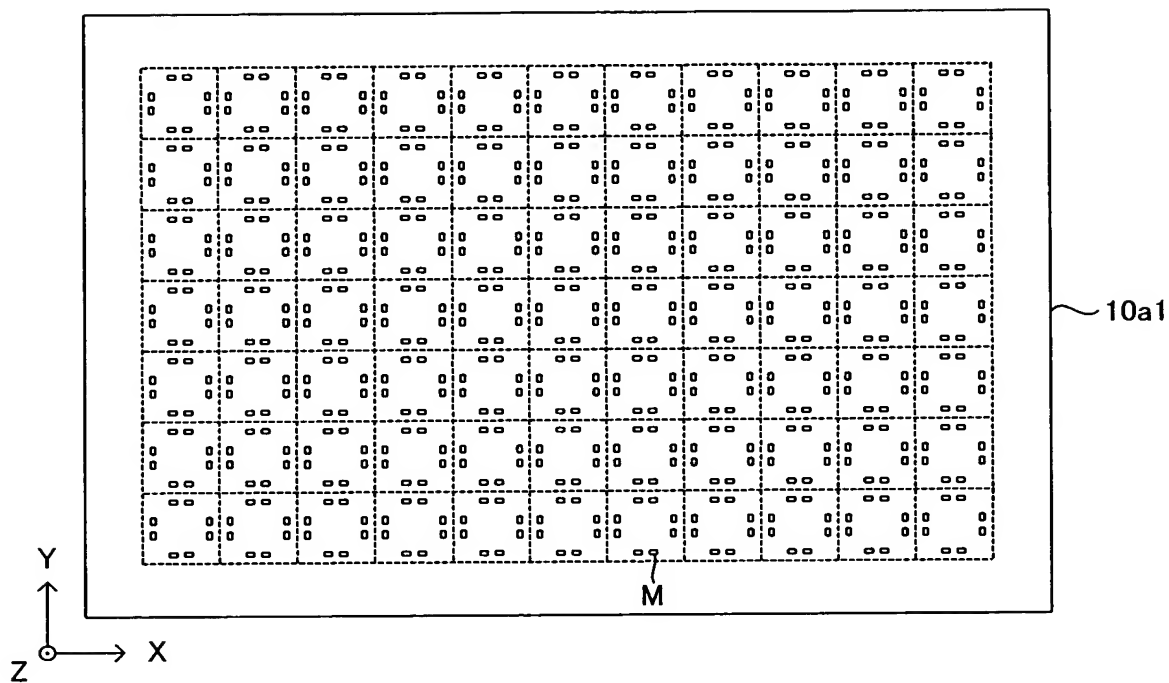


FIG.10



The diagram shows a 7x10 grid of magnetic elements, each labeled 'S' (South) or 'N' (North). The grid is enclosed in a rectangular frame labeled 91. A coordinate system is shown at the bottom left, with a vertical Y-axis pointing up, a horizontal X-axis pointing right, and a Z-axis pointing out of the page (indicated by a circle with a dot). The grid is labeled 92 at the bottom center. The grid is labeled 93 at the bottom right.

S	N	S	N	S	N	S	N	S	N	S
N	S	N	S	N	S	N	S	N	S	N
S	N	S	N	S	N	S	N	S	N	S
N	S	N	S	N	S	N	S	N	S	N
S	N	S	N	S	N	S	N	S	N	S
N	S	N	S	N	S	N	S	N	S	N
S	N	S	N	S	N	S	N	S	N	S

A cross-sectional view of a periodic structure 90. It consists of a horizontal substrate 93 with a series of vertical, rectangular protrusions 92 extending downwards. An arrow labeled 'MA' points to the top surface of the substrate 93. A coordinate system is shown at the bottom left with a vertical Z-axis pointing up, a horizontal X-axis pointing right, and a Y-axis pointing out of the page (indicated by a circle with a dot).

FIG.13

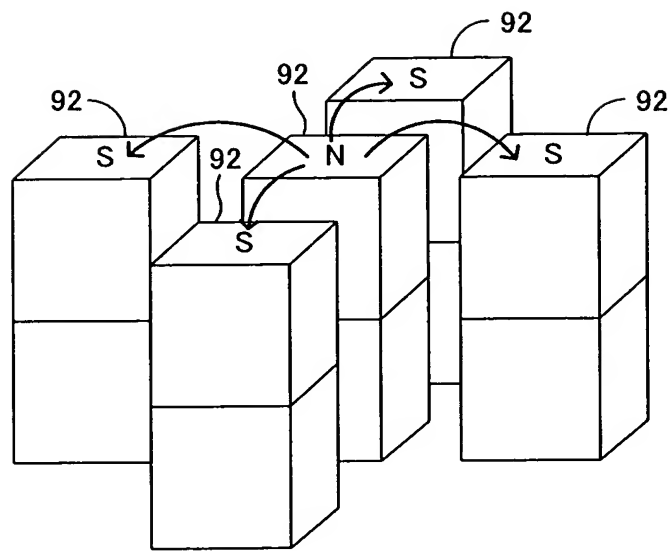


FIG.14

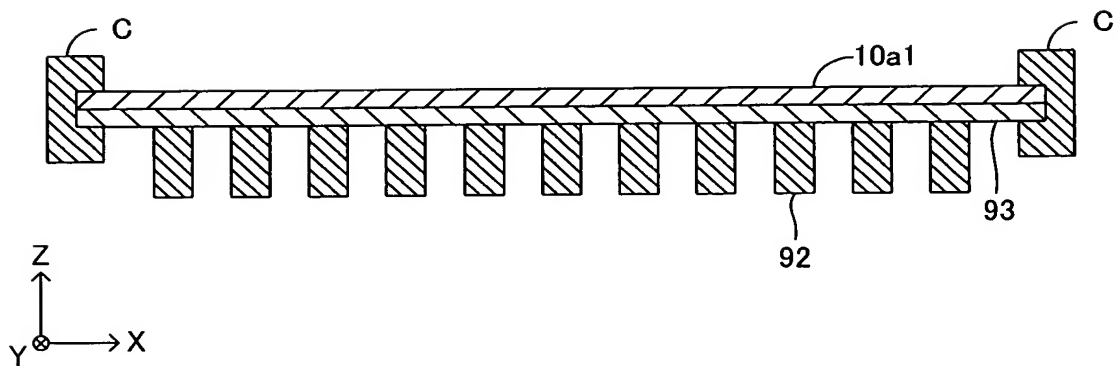


FIG.15

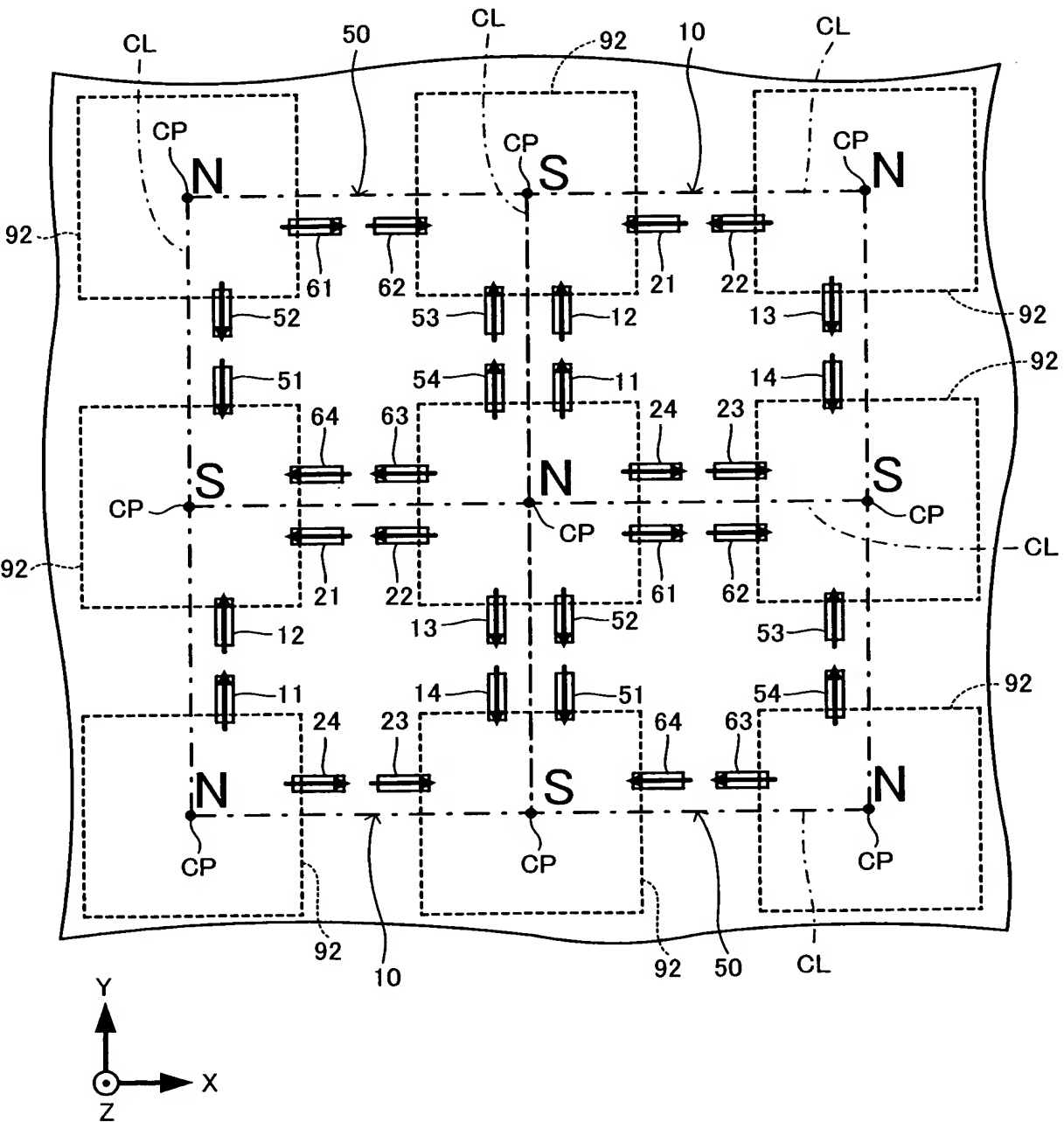


FIG.16

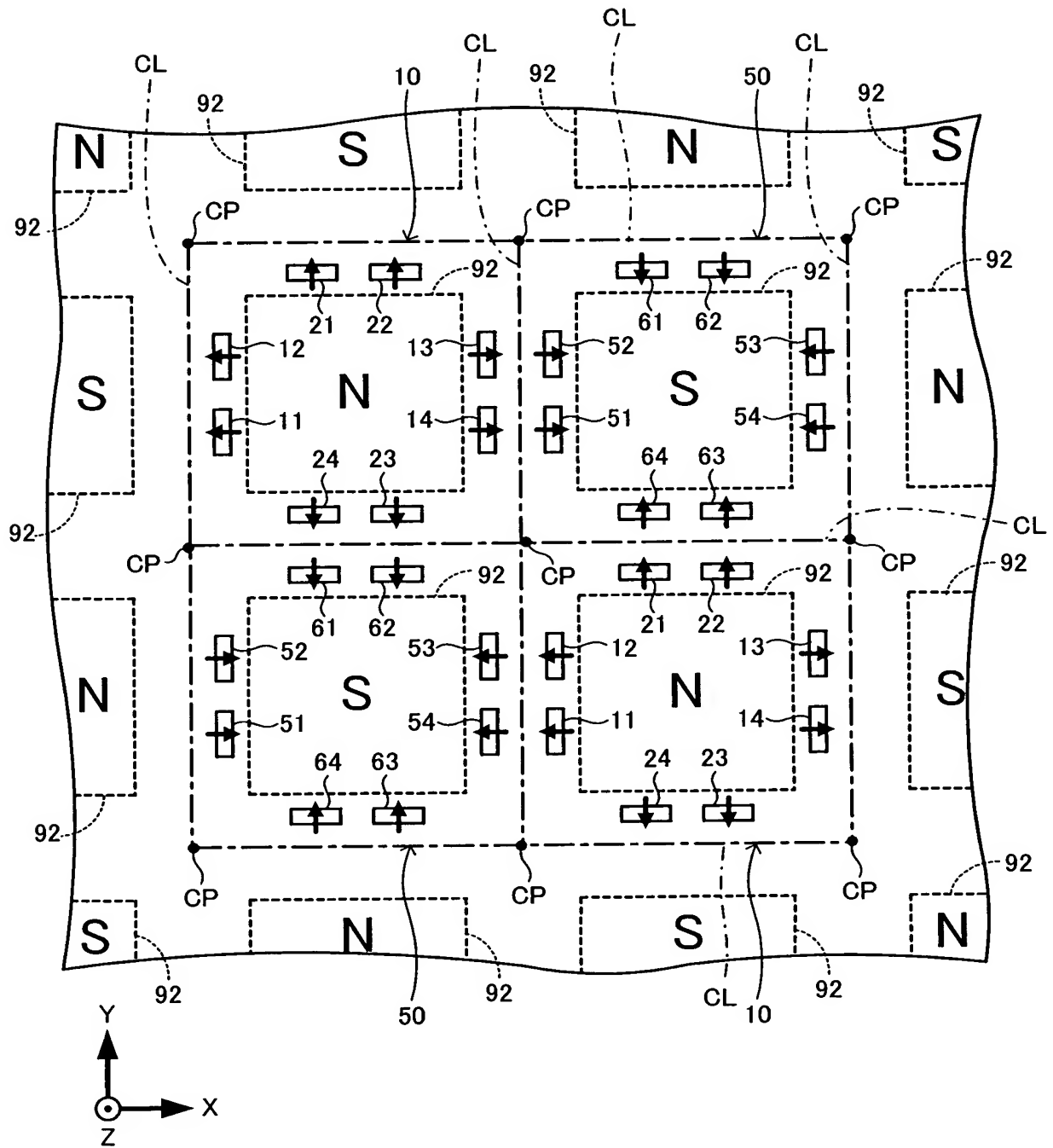


FIG.17

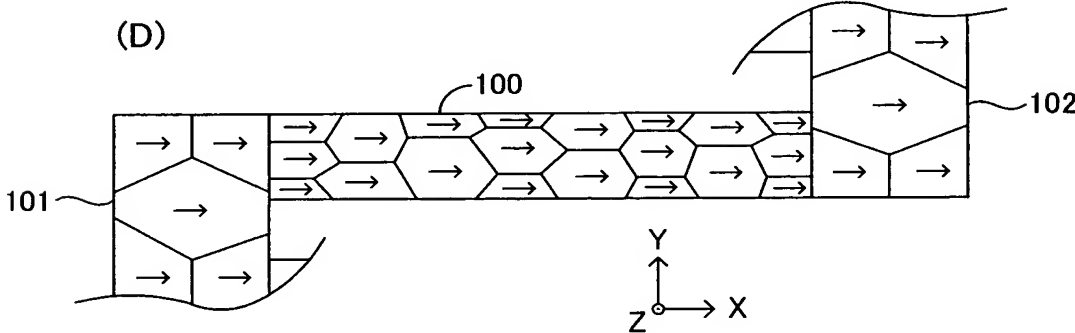
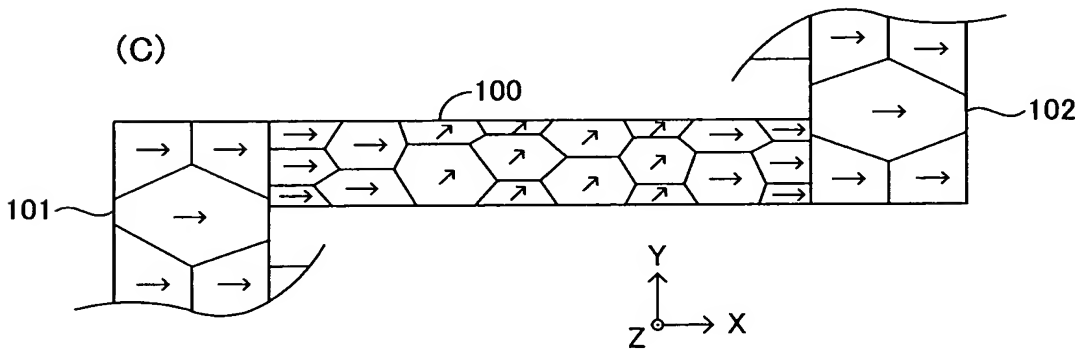
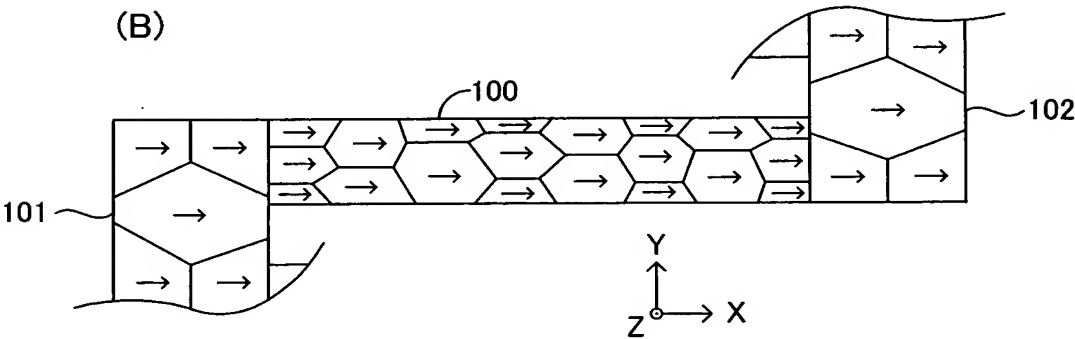
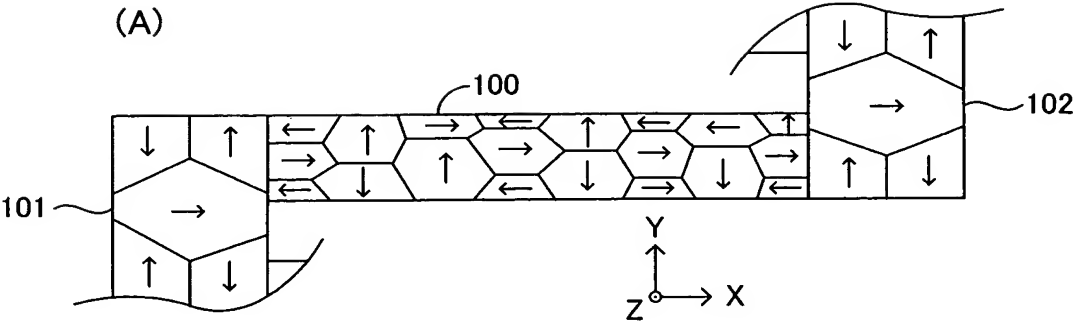


FIG.18

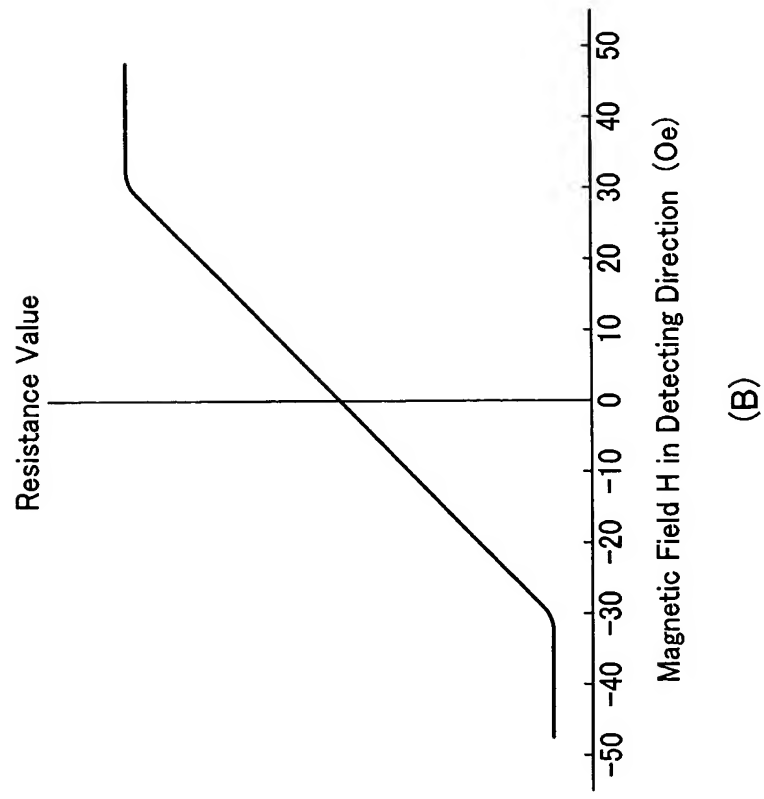
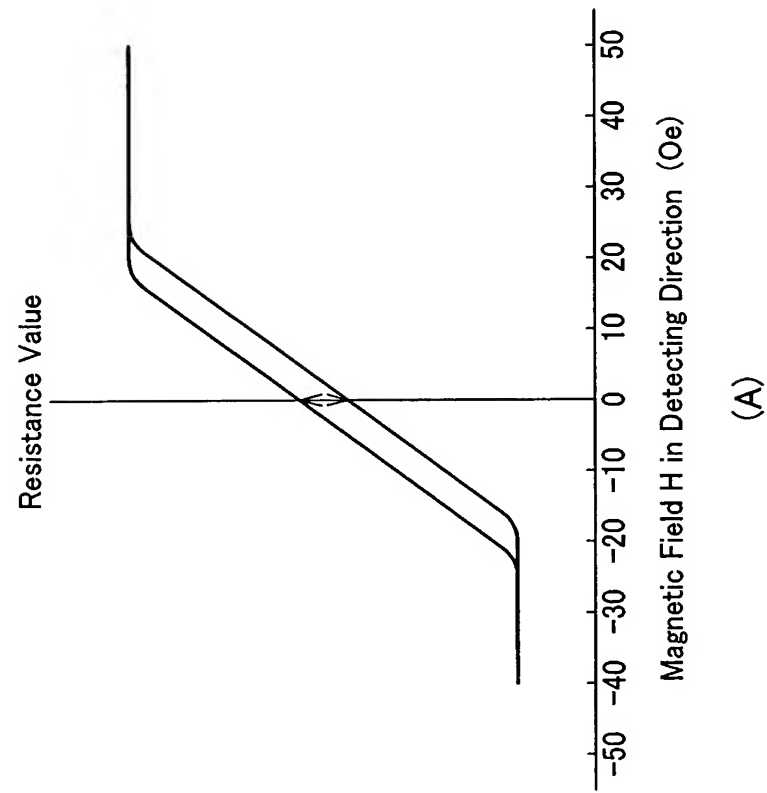
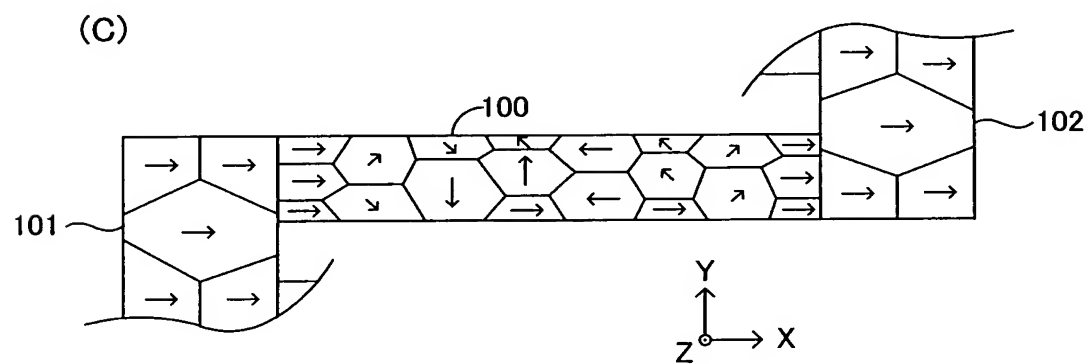
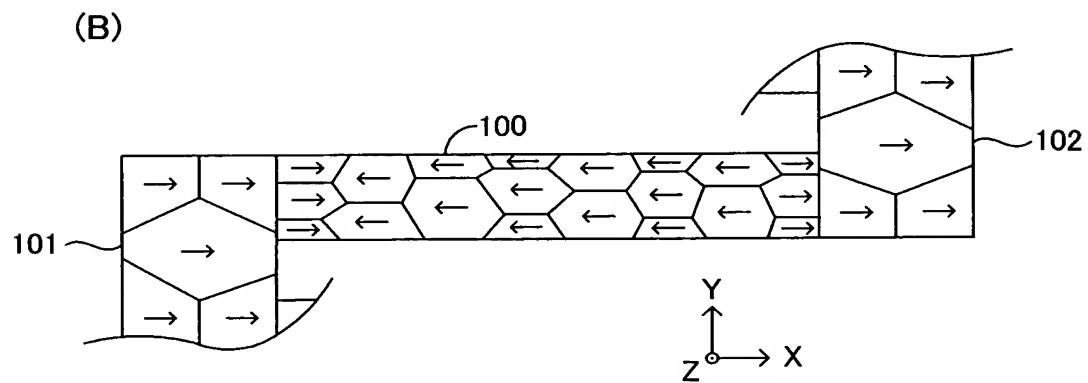
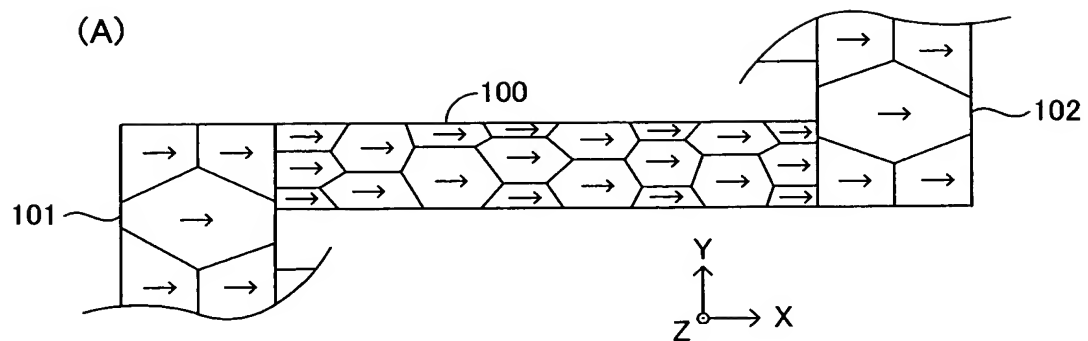


FIG.19



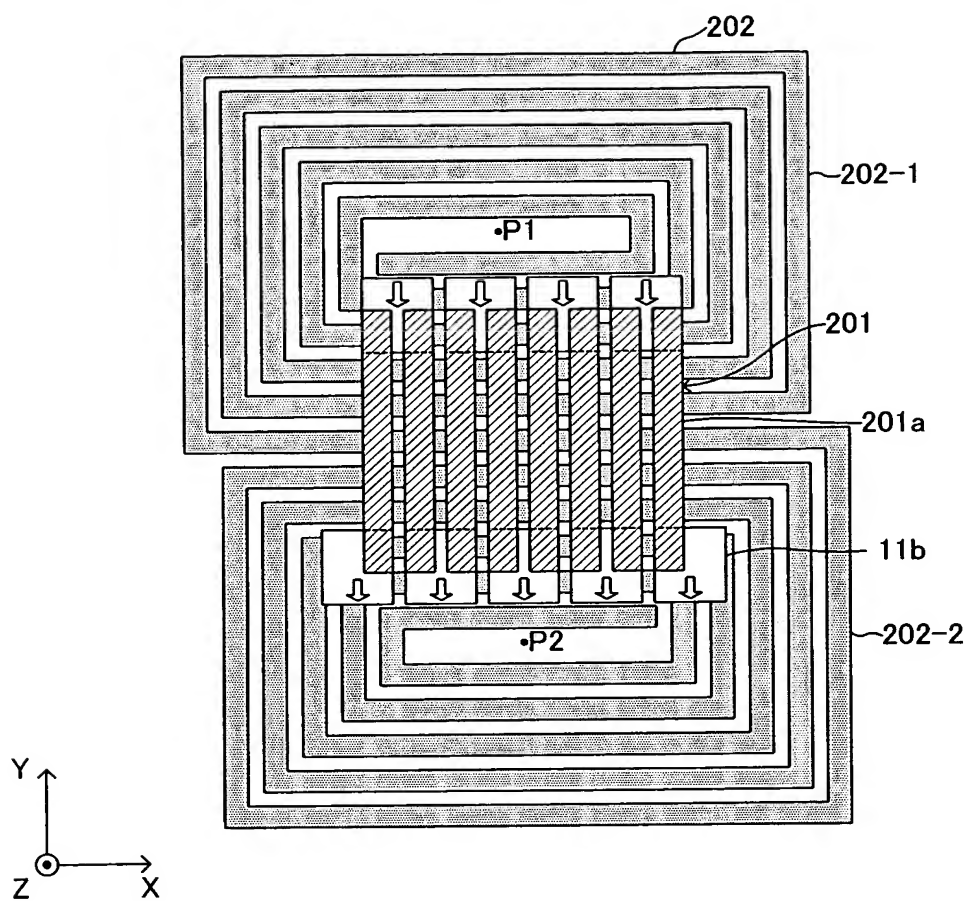


FIG.20